

Montana Department of Livestock

MT Vesicular Stomatitis Situation Report

November 29, 2005

Background Information

On August 10, 2005, the National Veterinary Services Laboratories (NVSL) in Ames, Iowa, confirmed the finding of vesicular stomatitis New Jersey (VS-NJ) in horses on a premise in Yellowstone County, Montana. The complement fixation (CF) test results showed that one ill horse had a four-fold increase in antibodies to VS-NJ in paired sera collected on August 1 and August 8, 2005. This meets the requirement for identification of the index case of vesicular stomatitis for a newly affected State. This is the first confirmed case of vesicular stomatitis in the State of Montana in 2005. Montana had no cases of vesicular stomatitis in 2004. Throughout the late summer and fall of 2005, a total of forty-six (46) premises were identified as vesicular stomatitis-positive premises. On November 29, 2005, the Montana Department of Livestock released the quarantines on the last two vesicular stomatitis-positive premises in Montana.

Current Montana Vesicular Stomatitis Statistics:

	Montana	Comments
Cumulative VS-Positive Premises	46	
Premises on 21 Day Countdown for Quarantine Release	0	
Premises Released from Quarantine	46	
Positive Premises Currently Under Quarantine	0	
Current Counties with Positive Premises Under Quarantine	0	
Confirmed Clinical Cases – Total (Clinical signs plus laboratory confirmation)	106	
Confirmed Clinical Equine Cases (Clinical signs plus laboratory confirmation)	76	
Confirmed Clinical Bovine Cases (Clinical signs plus laboratory confirmation)	30	
Positive Animals – Total (Positive lab tests – may or may not have clinical signs)	152	
Positive Equine Species (Positive lab tests – may or may not have clinical signs)	113	
Positive Bovine Species (Positive lab tests – may or may not have clinical signs)	39	

Critical New Montana Information (November and October updates)

November 29, 2005, the final two (2) premises in Big Horn County were released from quarantine today. **There are now no premises quarantined for vesicular stomatitis in Montana.**

November 23, 2005, one (1) premises in Big Horn County was released from quarantine today, leaving two (2) premises in Big Horn County remaining under quarantine in Montana. Both of the remaining premises are within the 21-day countdown period.

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November 17, 2005, one (1) positive premises in Big Horn County was released from quarantine today, leaving 3 (three) premises in Big Horn County remaining under quarantine in Montana. All remaining premises are within the 21-day countdown period.

November 2, 2005, the final premises in Yellowstone County was released from quarantine today, leaving four (4) remaining positive premises in Big Horn County, one of which is in the 21-day countdown.

October 31, 2005, one additional VSV-positive premises was confirmed in Big Horn County bringing to total the number of positive premises to 46. To date there are five (5) positive premises in Montana, one (1) in Yellowstone and four (4) in Big Horn Counties. Two of the current premises are in the 21-day countdown.

October 25, 2005, the final premises in Carbon County was released from quarantine, as well as one of the two remaining premises in Yellowstone County. Remaining premises under quarantine include one (1) in Yellowstone County and three (3) in Big Horn County, with one premises within the 21-day countdown.

October 19, 2005, VS was confirmed in cattle on one (1) additional premises in Big Horn County. One premises in Carbon County was released from quarantine. To date, there are six (6) premises under quarantine, of which three (3) are in the 21-day countdown.

October 14, 2005, three (3) premises were released from quarantine, one (1) in Carbon County, one (1) in Stillwater County, and one (1) in Yellowstone County. Six (6) premises remain under quarantine, of which four (4) are in the 21-day countdown.

October 12, 2005, three (3) premises were released from quarantine, two (2) in Carbon County and one (1) in Yellowstone County. Nine (9) premises remain under quarantine, of which six (6) are in the 21-day countdown.

October 7, 2005, VS was confirmed in horses on two (2) additional premises, both in Big Horn County. The lone premises in Rosebud County was released. To date there have been a total of forty-four (44) VS-positive premises, of which twelve (12) remain under quarantine. These include four (4) in Yellowstone County, one (1) in Stillwater County, two (2) in Big Horn County and five (5) in Carbon County. Of the 12 VS-positive premises under quarantine, 9 of them are in the 21-day countdown. Only the two new premises in Big Horn County and one premises in Yellowstone County have not started their 21-day countdown.

Critical New U.S. Information

November 9, 2005, Nebraska released its last positive premises from quarantine and is considered free of VSV.

All U.S. VS Statistics and maps can be found on the National Surveillance Unit web site:
<http://www.aphis.usda.gov/vs/ceah/ncahs/nsu/surveillance/vsv/vsv.htm>